

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026250.D
 Acq On : 04 Jul 2023 07:02
 Operator : MA/JU
 Sample : 03245-09DL 5X
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGG7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 08:31:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8190	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	26544	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	30810	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17484	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	18746	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3957	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1132	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2112	0.032	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.809	128	14195	0.187	ng/ul	98
7) 2-Methylnaphthalene	12.426	142	2605	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.646	142	1704	0.034	ng/ul	99
10) Acenaphthylene	14.316	152	15935	0.221	ng/ul	98
11) Acenaphthene	14.654	153	2429	0.041	ng/ul	98
12) Fluorene	15.644	166	2852	0.042	ng/ul#	96
15) Phenanthrene	17.385	178	83461	0.820	ng/ul	99
16) Anthracene	17.474	178	20033	0.221	ng/ul	96
19) Fluoranthene	19.401	202	230215	2.465	ng/ul	97
20) Pyrene	19.763	202	193290	1.990	ng/ul	97
21) Benzo(a)anthracene	21.517	228	94027	1.304	ng/ul	97
22) Chrysene	21.570	228	100537	1.340	ng/ul	96
24) Benzo(b)fluoranthene	23.248	252	157614m	1.970	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	48301m	0.601	ng/ul	
26) Benzo(a)pyrene	23.897	252	98781	1.421	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.584	276	80365	1.059	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.601	278	18995	0.331	ng/ul#	85
29) Benzo(g,h,i)perylene	27.393	276	76974	1.140	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

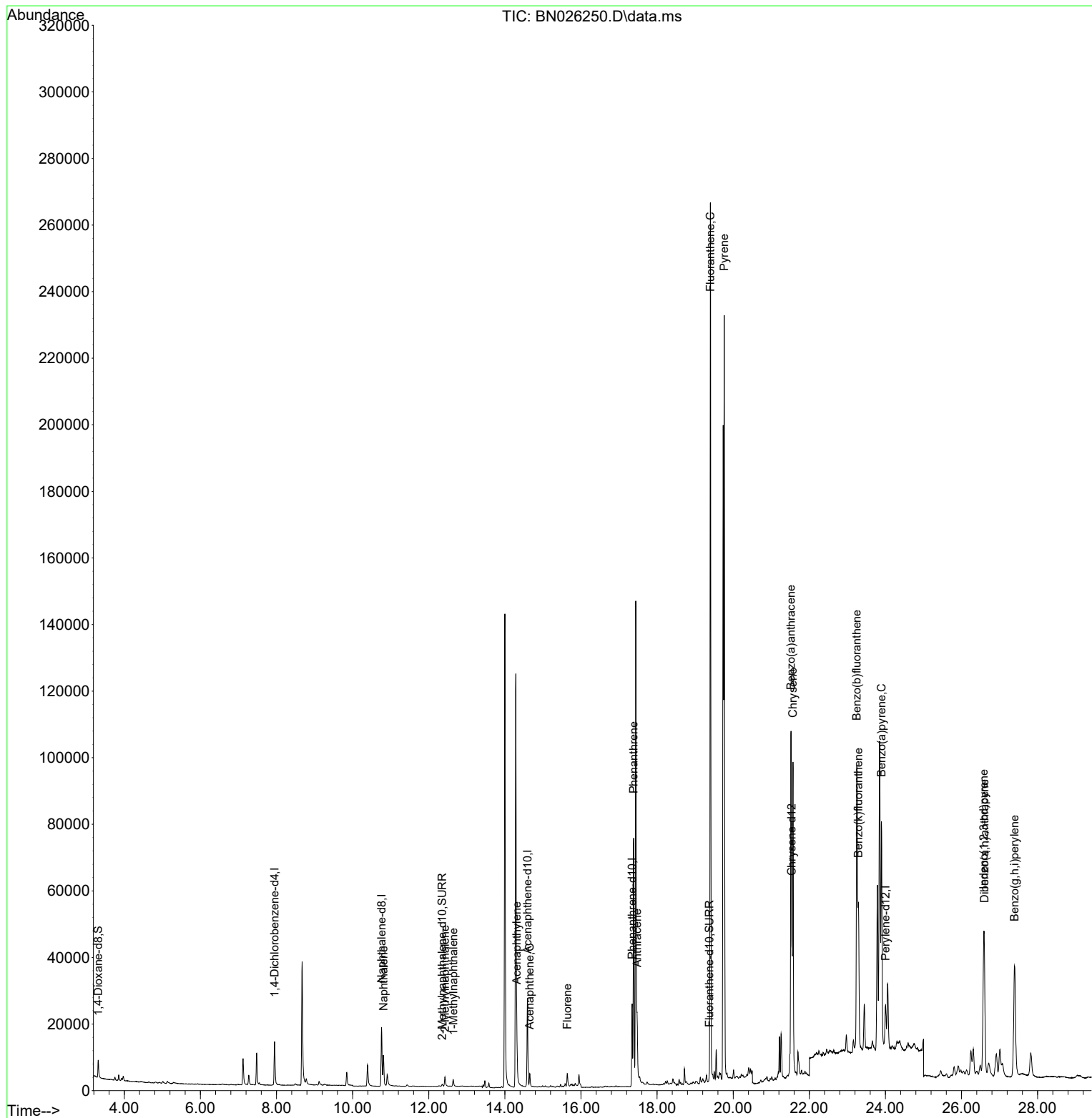
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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ALS Vial : 107 Sample Multiplier: 1

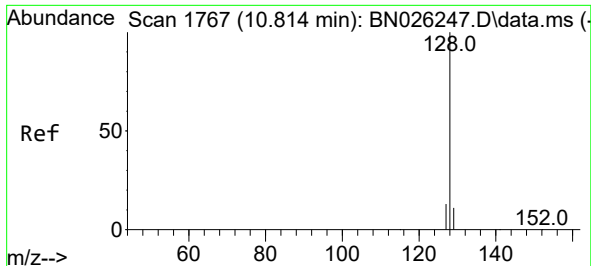
Instrument :
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ClientSampleId :
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Quant Time: Jul 04 08:31:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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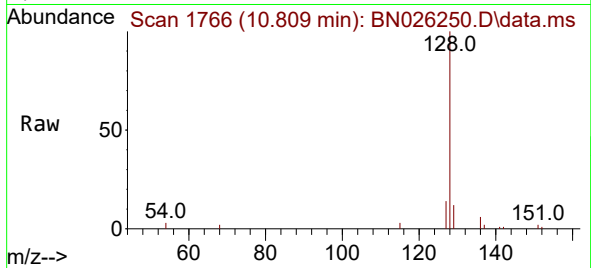
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

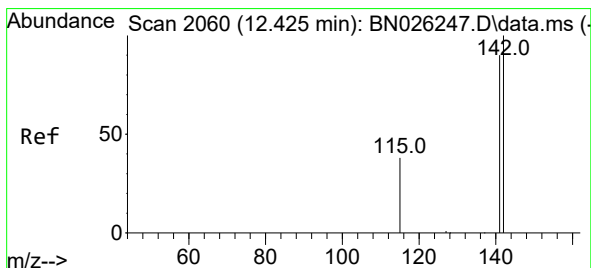
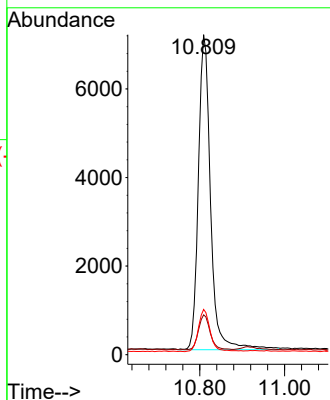
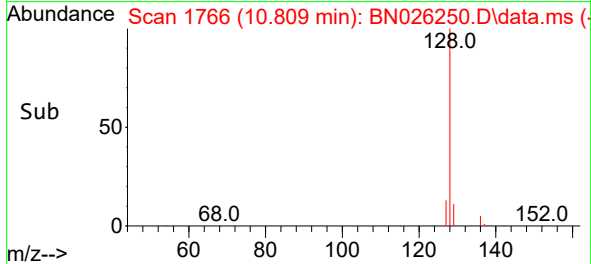
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:128 Resp: 1419
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.1 10.7 16.1

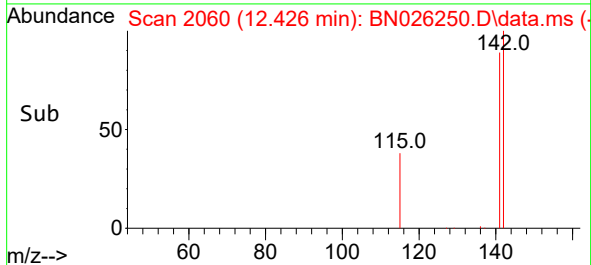
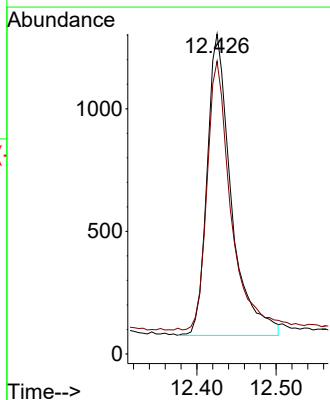
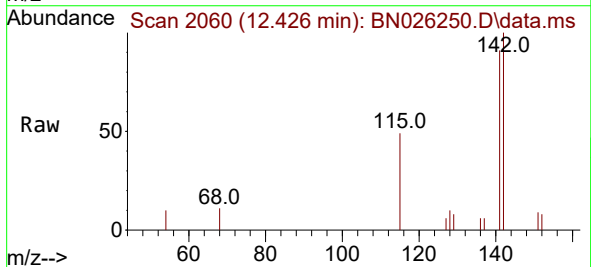
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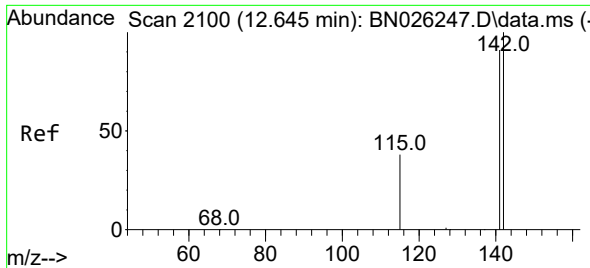
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

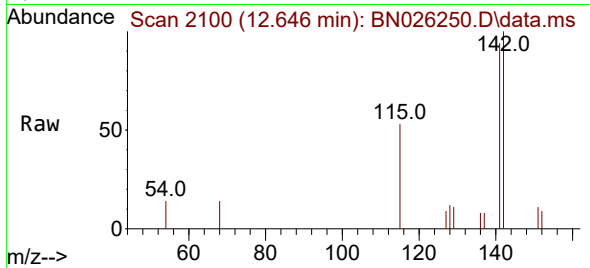
Tgt Ion:142 Resp: 2605
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.646 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

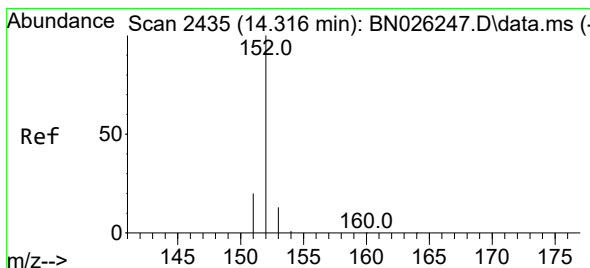
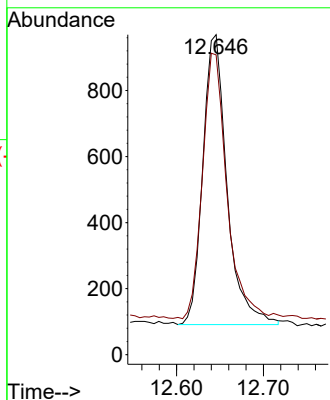
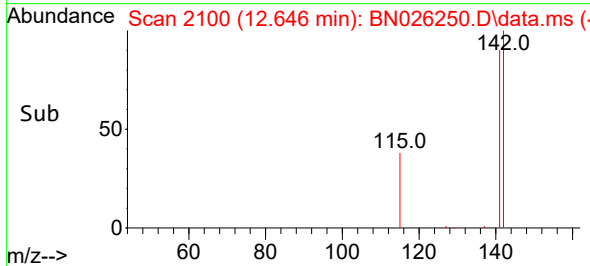
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:142 Resp: 1704
Ion Ratio Lower Upper
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141 92.1 74.2 111.4

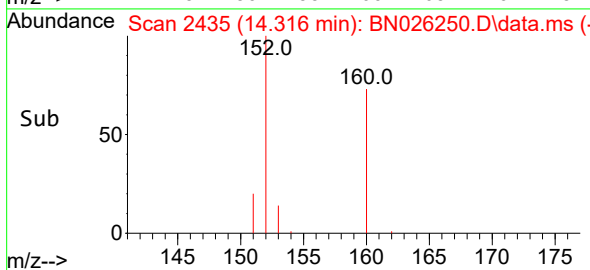
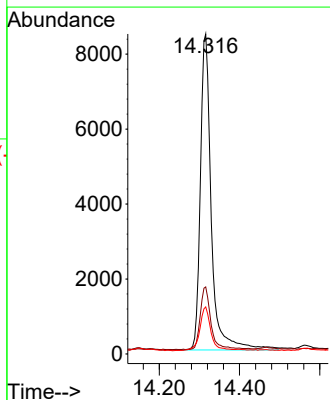
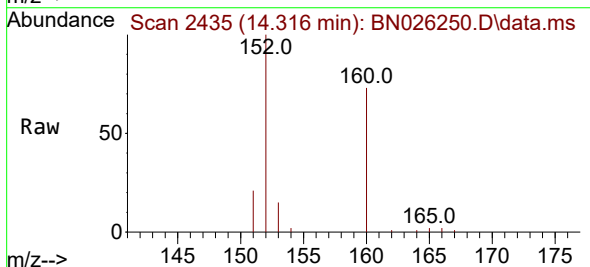
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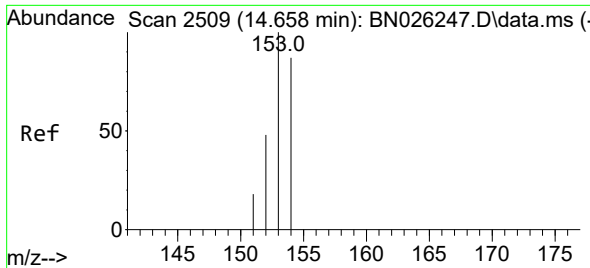
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.221 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

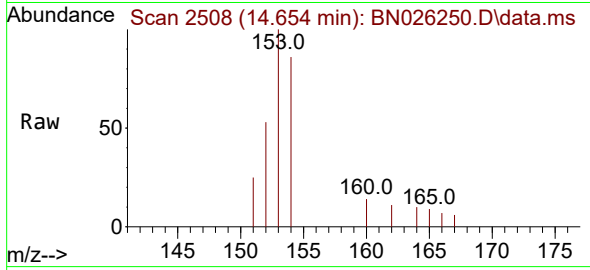
Tgt Ion:152 Resp: 15935
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

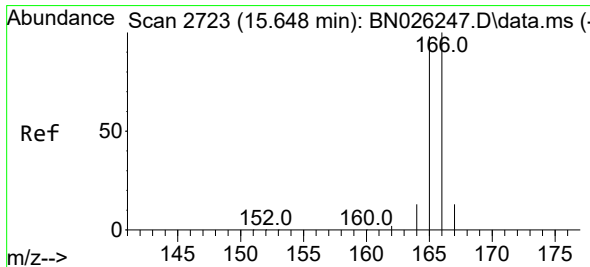
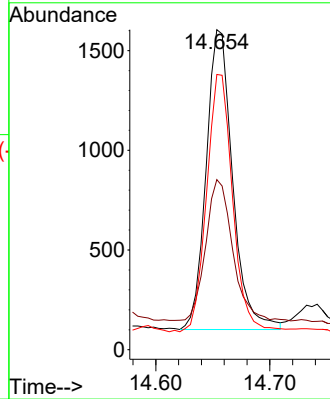
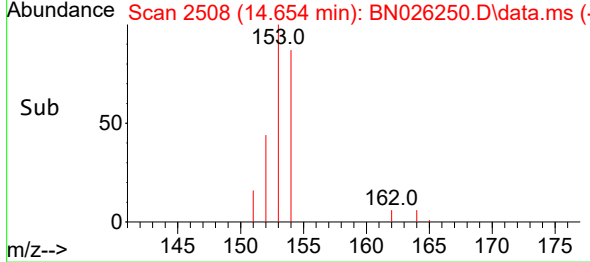
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:153 Resp: 2429
Ion Ratio Lower Upper
153 100
152 53.1 39.4 59.0
154 86.0 68.9 103.3

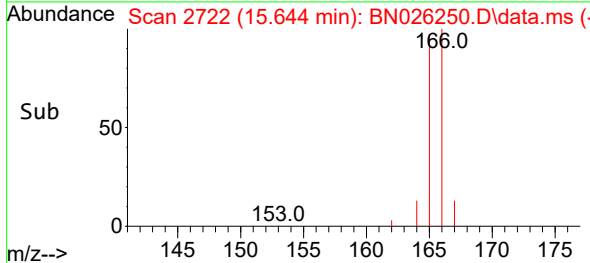
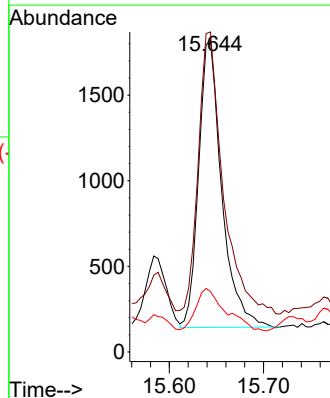
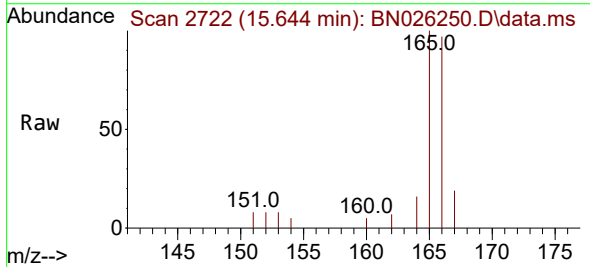
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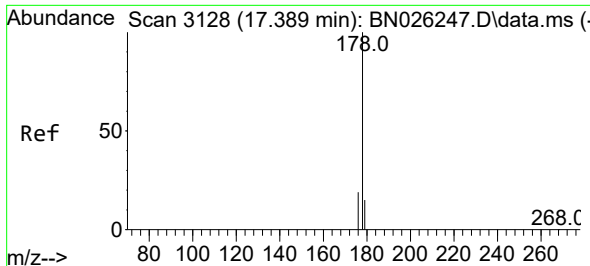
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

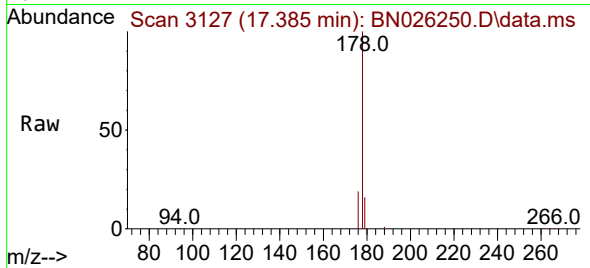
Tgt Ion:166 Resp: 2852
Ion Ratio Lower Upper
166 100
165 102.6 79.9 119.9
167 19.4 10.8 16.2





#15
Phenanthrene
Concen: 0.820 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

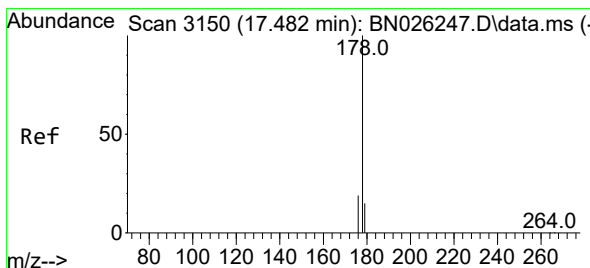
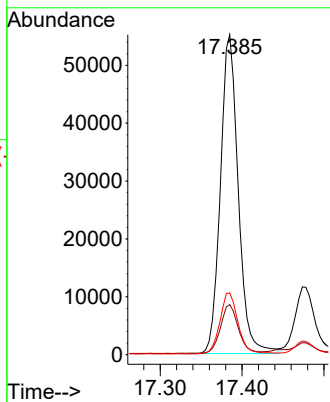
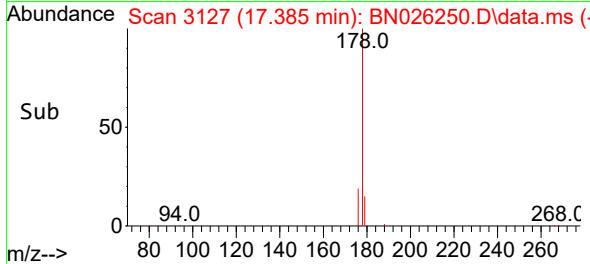
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:178 Resp: 8346
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.3 15.8 23.6

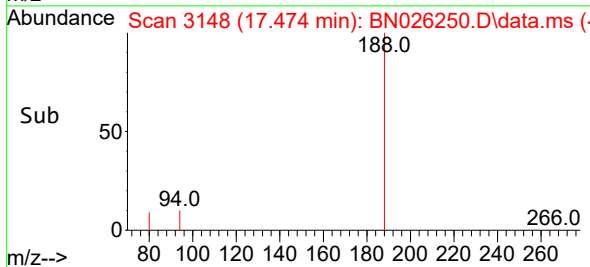
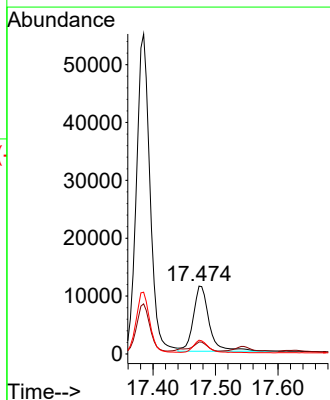
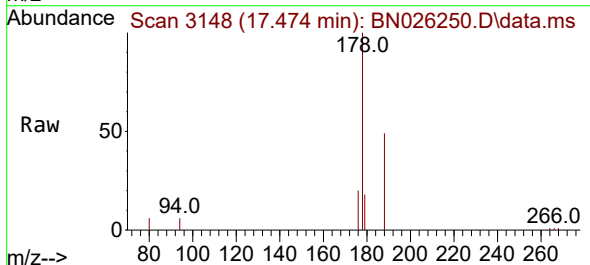
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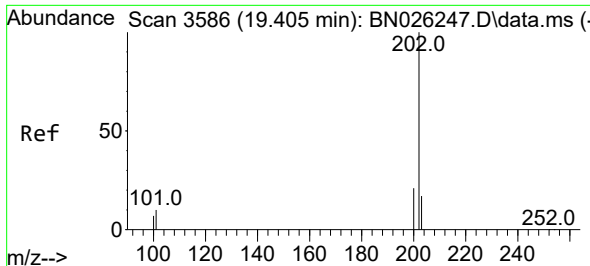
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.221 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

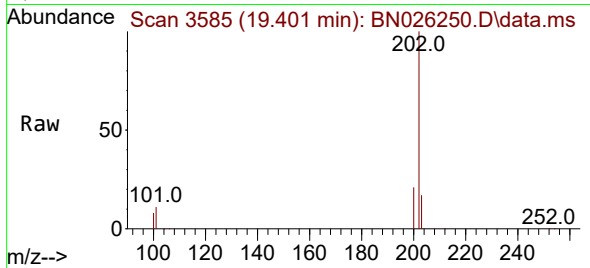
Tgt Ion:178 Resp: 20033
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 20.2 15.1 22.7





#19
Fluoranthene
Concen: 2.465 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

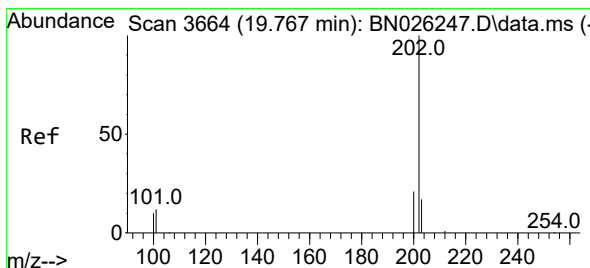
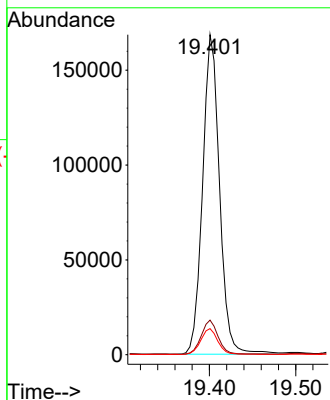
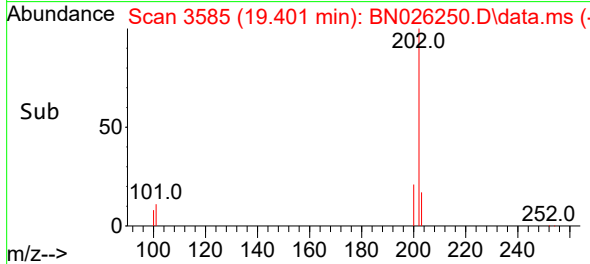
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:202 Resp: 230215
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.2 7.3 10.9

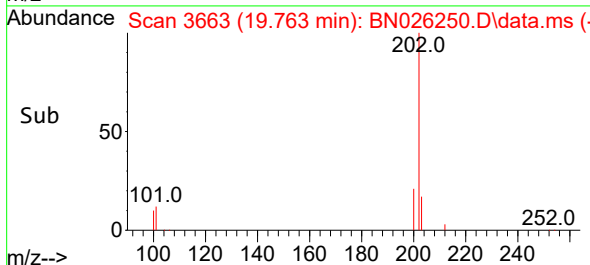
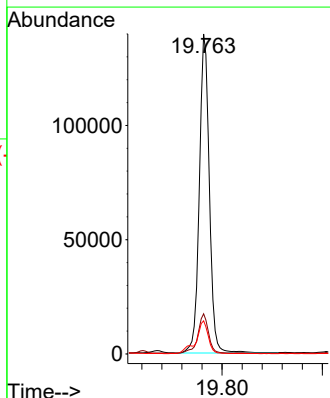
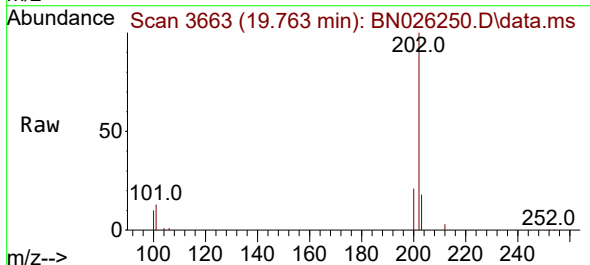
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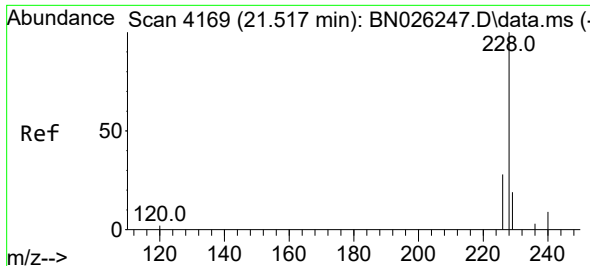
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 1.990 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

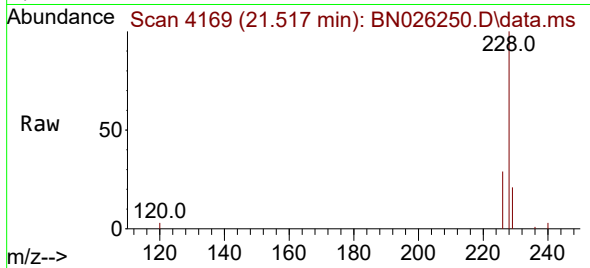
Tgt Ion:202 Resp: 193290
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.304 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

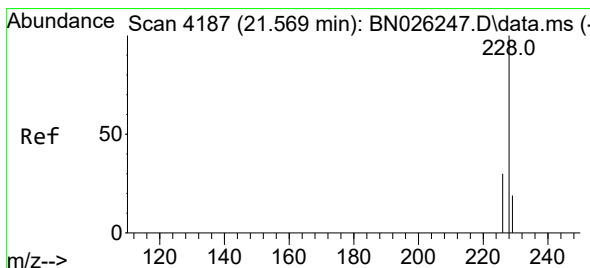
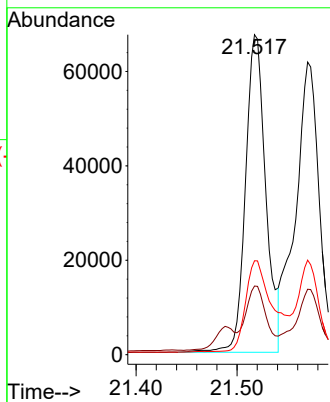
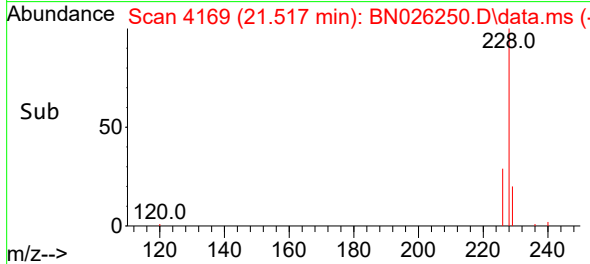
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:228 Resp: 9402
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.3 22.5 33.7

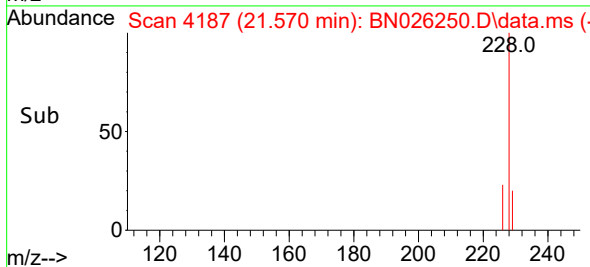
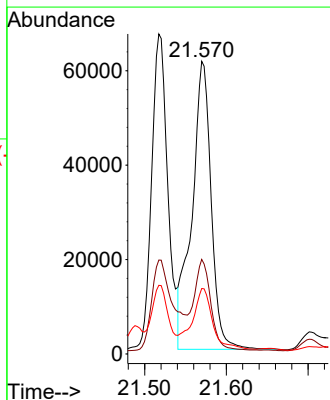
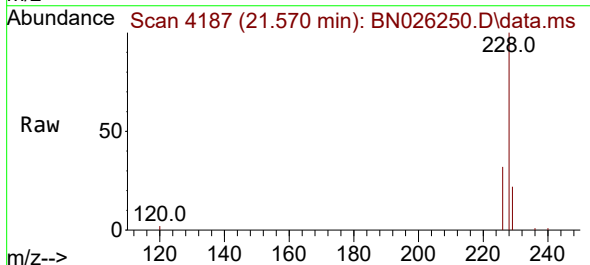
Manual Integrations
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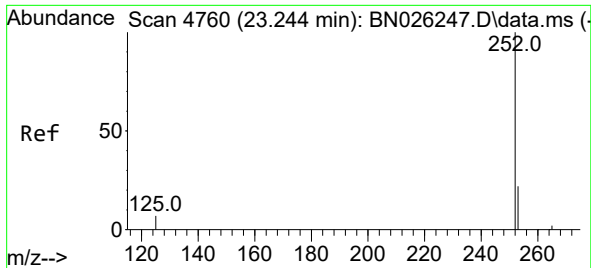
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 1.340 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

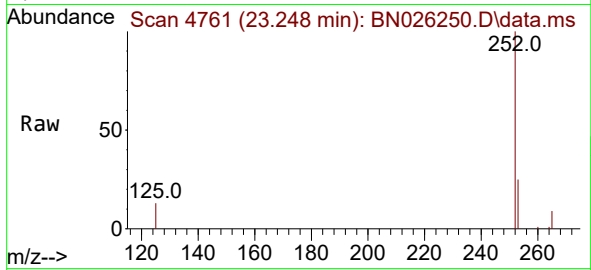
Tgt Ion:228 Resp: 100537
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.970 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

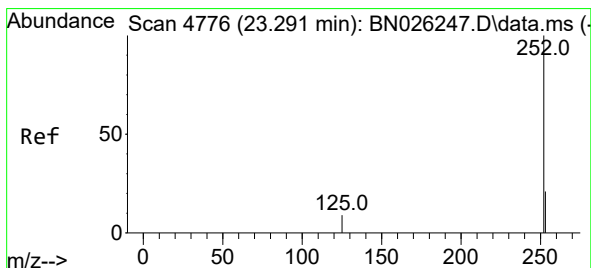
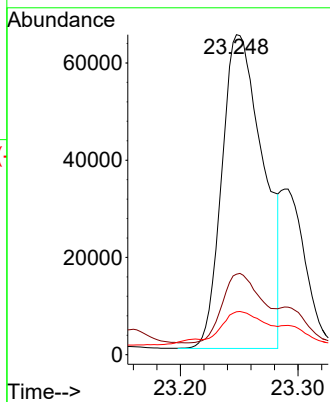
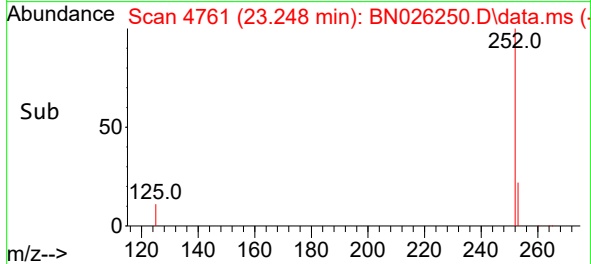
Instrument :
BNA_N
ClientSampleId :
DCGG7DL



Tgt Ion:252 Resp: 157614
Ion Ratio Lower Upper
252 100
253 25.1 0.0 55.6
125 13.4 0.0 35.8

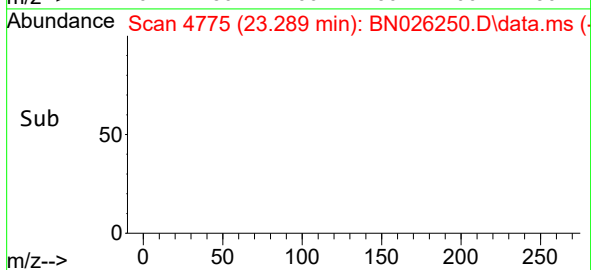
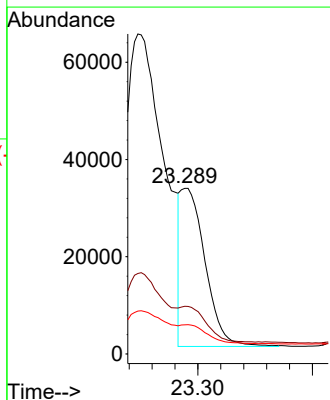
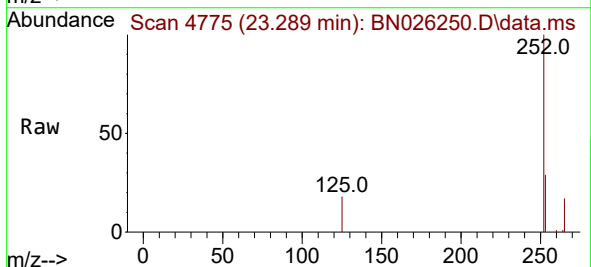
Manual Integrations
APPROVED

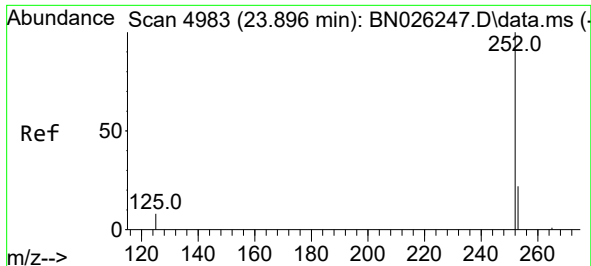
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.601 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.015 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

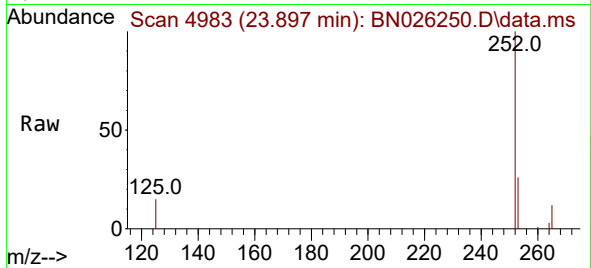
Tgt Ion:252 Resp: 48301
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 17.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.421 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

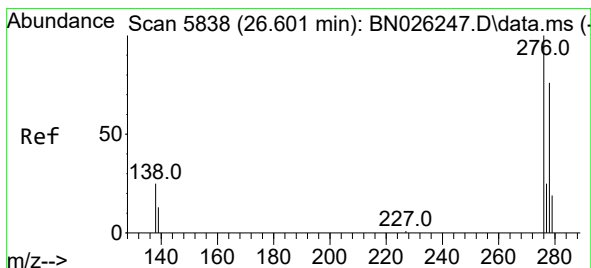
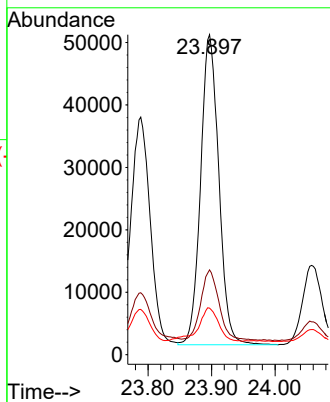
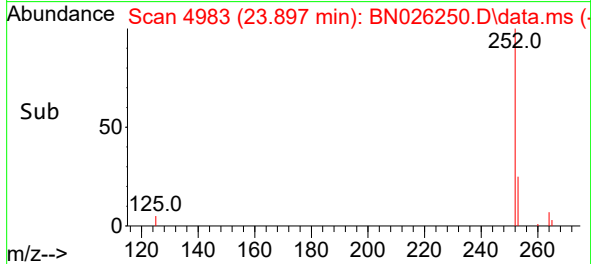
Instrument :
BNA_N
Client SampleId :
DCGG7DL



Tgt Ion:252 Resp: 9878
Ion Ratio Lower Upper
252 100
253 26.5 26.0 39.0
125 14.6 17.3 25.9

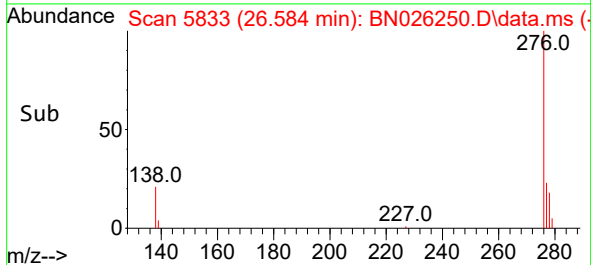
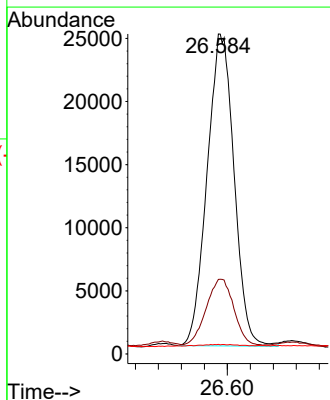
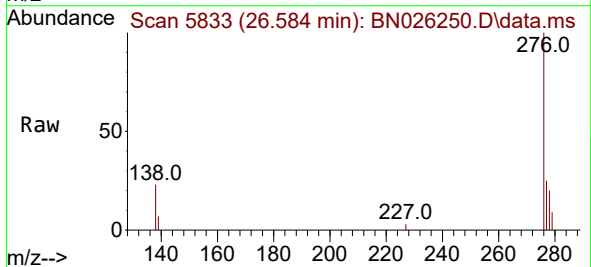
Manual Integrations
APPROVED

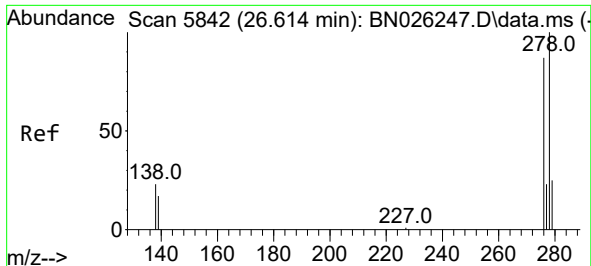
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.059 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. -0.003 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

Tgt Ion:276 Resp: 80365
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.5 0.0 0.0#





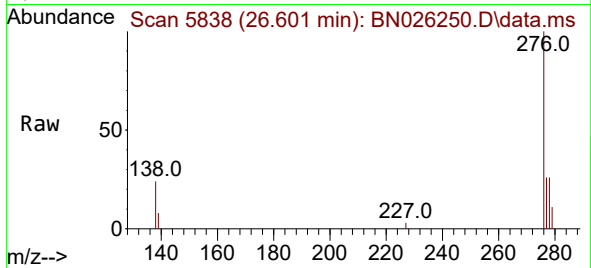
#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.007 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02

Instrument :

BNA_N

ClientSampleId :

DCGG7DL



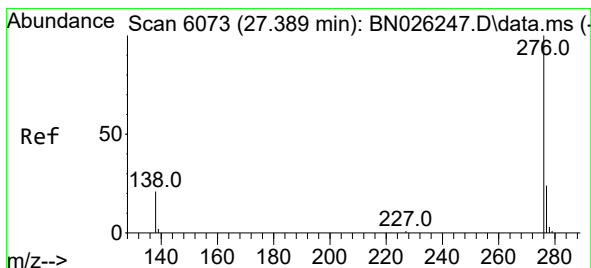
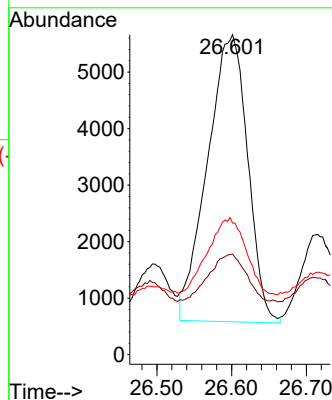
Tgt Ion:278 Resp: 1899
Ion Ratio Lower Upper
278 100
139 31.5 19.0 28.4
279 41.2 26.7 40.1

Manual Integrations

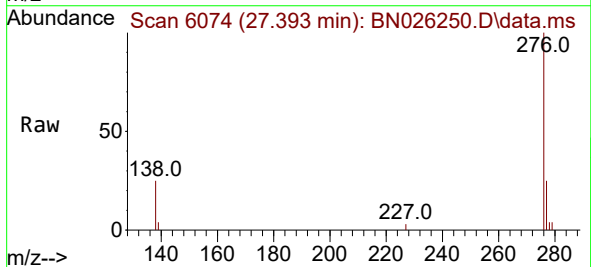
APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 1.140 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN026250.D
Acq: 04 Jul 2023 07:02



Tgt Ion:276 Resp: 76974
Ion Ratio Lower Upper
276 100
138 24.8 23.4 35.0
277 25.5 20.0 30.0

